

Title (en)  
METHOD AND APPARATUS FOR AN ELECTRIC METER

Title (de)  
VERFAHREN UND VORRICHTUNG FÜR EINEN STROMZÄHLER

Title (fr)  
PROCEDE ET APPAREIL POUR COMPTEUR ELECTRIQUE

Publication  
**EP 1805523 A4 20180103 (EN)**

Application  
**EP 05792403 A 20050824**

Priority  
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• US 96928904 A 20041019

Abstract (en)  
[origin: WO2006044035A2] An improved meter and its operation is described. The meter can be a part of a larger automated meter reading process that allows for remote reading of the meter through power line communication. Using a microcomputer core, the meter processes incoming analog data and can calculate several relevant data values need by utility providers. The meter can also be used to monitor and detect tampering dry connect/voltage free devices, such as gas and water meters, connected to the meter.

IPC 8 full level  
**G01R 11/00** (2006.01); **G01R 21/133** (2006.01); **G01R 22/06** (2006.01)

CPC (source: EP US)  
**G01R 21/133** (2013.01 - EP US); **G01R 22/066** (2013.01 - EP US); **Y04S 20/30** (2013.01 - EP)

Citation (search report)  
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• [A] BENUTZER-HANDBUCH: "ABB i-bus EIB EIB Delta-Meter Energieverbrauchsähler", 28 February 2002 (2002-02-28), XP055425618, Retrieved from the Internet <URL:http://www.knx-gebaeudesysteme.de/sto\_g/English/PRODUCT\_MANUALS/EIB\_DELTAMETER\_PH\_DE\_V1-0\_09074\_00\_S0101.PDF> [retrieved on 20171116]  
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US 7583202 B2 20090901; US 8219334 B2 20120710

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